## **EAST Search History**

## EAST Search History (Prior Art)

| Ref# | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|------|------|---|---|---------------------|---------|---------------------|
| S57  | 1774 | (emulsion same Ru)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | AND                 | ON      | 2011/04/09<br>21:45 |
| S58  | 7    | (analyte same detect<br>\$3 and (emulsion<br>same Ru))        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2011/04/09<br>21:46 |
| S59  | 3    | (analyte same detect<br>\$3 and (emulsion<br>same Ruthenium)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2011/04/09<br>21:47 |
| S62  | 1    | ( (emulsion with<br>Ruthenium) and<br>analyte same level)     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2011/04/09<br>21:50 |
| S61  | 869  | ( (emulsion with<br>Ruthenium))                               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2011/04/09<br>21:50 |
| S60  | 2042 | ( (emulsion same<br>Ruthenium))                               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2011/04/09<br>21:50 |
| S64  | 25   | ( (emulsion with<br>Ruthenium) and<br>detection)              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2011/04/09<br>21:51 |
| S63  | 1    | ( (emulsion with<br>Ruthenium) and<br>(metering device))      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2011/04/09<br>21:51 |

| S65 | 4   | "6706159".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2011/04/22<br>22:02 |
|-----|-----|---|---|-----|----|---------------------|
| 866 | 141 | ("20020198444"   "4462405"   "4203446"   "4462405"   "462425"   "462745"   "4637403"   "462745"   "5269799"   "536581"   "539538"   "539538"   "5505212"   "5540709"   "558233"   "5730753"   "5730300"   "5746217"   "579733300"   "5730300"   "5820570"   "5820570"   "5820570"   "587367"   "573621"   "573621"   "573621"   "574621"   "6579367"   "5879367"   "5879367"   "5879367"   "687367"   "606303"   "6066103"   "6066103"   "6077459"   "6066103"   "607459"   "6143164"   "6071550"   "6143164"   "6076050"). URPN. | US PGPUB;<br>USPAT; USOCR                                   | AND | ON | 2011/04/22          |
| S67 | 2   | "20020156355".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2011/04/22<br>22:05 |
| S68 | 2   | "6120676".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2011/06/04<br>22:13 |
| S70 | 3   | "4627445".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2011/06/04<br>22:15 |

| S69 | 2   | "6364889".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2011/06/04<br>22:15 |
|-----|-----|---|---|-----|----|---------------------|
| S71 | 2   | "5971941".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2011/06/04<br>22:16 |
| S73 | 14  | ((optical assembly)<br>same (cmos) and<br>diffuser)                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2011/06/04<br>22:55 |
| S72 | 150 | ((optical assembly)<br>same (cmos) and<br>diffuser)                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2011/06/04<br>22:55 |
| S74 | 8   | ((optical assembly)<br>same (cmos) and<br>diffuser and diffract\$4)       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2011/06/04<br>22:59 |
| S76 | 0   | ((optical assembly)<br>same (cmos) and<br>diffuser and (veiwing<br>lens)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2011/06/04<br>23:01 |
| S75 | 0   | ((optical assembly)<br>same (cmos) and<br>diffuser and (viewing<br>lens)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2011/06/04<br>23:01 |
| S77 | 0   | ((optical assembly)<br>same (cmos) and<br>diffuser and (movable<br>lens)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2011/06/04<br>23:02 |
| S78 | 0   | (cartridge same wells<br>and deposit and (scrap<br>away))                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2011/06/04<br>23:33 |
| S79 | 72  | (cartridge same wells<br>and deposit\$4 and<br>(scrap\$5 away))           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2011/06/04<br>23:34 |

| S82 | 9     | (manufactur\$3 same<br>cartridge same wells<br>and deposit\$4 and<br>(scrap\$5 away)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2011/06/04<br>23:36 |
|-----|-------|---|---|-----|----|---------------------|
| S81 | 0     | (manufacture same<br>cartridge same wells<br>and deposit\$4 and<br>(scrap\$5 away))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2011/06/04<br>23:36 |
| S80 | 0     | (manufactire same<br>cartridge same wells<br>and deposit\$4 and<br>(scrap\$5 away))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2011/06/04<br>23:36 |
| L2  | 2     | (well and emulsion and<br>scarp\$3 same away)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2011/06/09<br>17:40 |
| L1  | 555   | (well and emulsion and scarp\$3)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2011/06/09<br>17:40 |
| L4  | 28633 | (well and emulsion and<br>(scarp\$3 or remove)<br>same excess)                        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2011/06/09<br>17:42 |
| L3  | 28633 | (well and emulsion and<br>(scarp\$3 or remove)<br>same excess)                        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2011/06/09<br>17:42 |
| L7  | 140   | (cartridge and<br>emulsion same ((scarp<br>\$3 or remove) same<br>excess))            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2011/06/09<br>17:43 |
| L6  | 3107  | (cartridge and<br>emulsion and ((scarp<br>\$3 or remove) same<br>excess))             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2011/06/09<br>17:43 |
| L5  | 28633 | (well and emulsion and<br>((scarp\$3 or remove)<br>same excess))                      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2011/06/09<br>17:43 |

| L8  | 32  | (cartridge and deposit<br>and emulsion same<br>((scarp\$3 or remove)<br>same excess))     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2011/06/09<br>17:44 |
|-----|-----|---|---|-----|----|---------------------|
| L9  | 2   | (cartridge and deposit<br>same emulsion same<br>((scarp\$3 or remove)<br>same excess))    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2011/06/09<br>17:48 |
| L10 | 3   | (cartridge same<br>deposit and emulsion<br>same ((scarp\$3 or<br>remove) same<br>excess)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2011/06/09<br>17:49 |
| L13 | 43  | ( deposit with emulsion<br>same ((scarp\$3 or<br>remove) same<br>excess))                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2011/06/09<br>17:56 |
| L12 | 275 | ( deposit same3<br>emulsion same ((scarp<br>\$3 or remove) same<br>excess))               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2011/06/09<br>17:56 |
| L11 | 247 | ( deposit same<br>emulsion same ((scarp<br>\$3 or remove) same<br>excess))                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2011/06/09<br>17:56 |
| L14 | 17  | ( deposit with emulsion<br>same ((scarp\$3 or<br>remove) with excess))                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2011/06/09<br>17:58 |
| L15 | 2   | ( deposit with emulsion<br>with ((scarp\$3 or<br>remove) with excess))                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2011/06/09<br>17:59 |
| L17 | 0   | ( deposit near5<br>emulsion near3 ((scarp<br>\$3 or remove) near3<br>excess))             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2011/06/09<br>18:00 |
| L16 | О   | ( deposit near5<br>emulsion near3 ((scarp<br>\$3 or remove) near3<br>excess))             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2011/06/09<br>18:00 |

| L19 | 14   | ( well same deposit<br>with emulsion same<br>((scarp\$3 or remove)<br>same excess))         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2011/06/09<br>18:01 |
|-----|------|---|---|-----|----|---------------------|
| L18 | 0    | ( deposit near<br>emulsion near ((scarp<br>\$3 or remove) near<br>excess))                  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2011/06/09<br>18:01 |
| L20 | 1    | ( cartridge same<br>deposit with emulsion<br>same ((scarp\$3 or<br>remove) same<br>excess)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2011/06/09<br>18:12 |
| L22 | 0    | ( cartridge same<br>deposit same emulsion<br>same ((scarp\$3) same<br>excess))              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2011/06/09<br>18:13 |
| L21 | 0    | ( cartridge same<br>deposit with emulsion<br>same ((scarp\$3) same<br>excess))              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2011/06/09<br>18:13 |
| L24 | 2817 | ( emulsion same (scrap<br>\$3) )  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2011/06/09<br>18:14 |
| L23 | 4    | ( emulsion same (scarp<br>\$3) )  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2011/06/09<br>18:14 |
| L28 | 22   | ( deposit same<br>emulsion with (scrap<br>\$3) )  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2011/06/09<br>18:15 |
| L27 | 1023 | ( emulsion with (scrap<br>\$3) )  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2011/06/09<br>18:15 |
| L26 | 14   | ( well same deposit<br>with emulsion same<br>((scrap\$3 or remove)<br>same excess))         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2011/06/09<br>18:15 |

| L25 | 0  | ( cartridge same<br>deposit with emulsion<br>same ((scrap\$3) same<br>excess)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2011/06/09<br>18:15 |
|-----|----|--|---|-----|----|---------------------|
| L29 | 2  | "5399249".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2011/06/09<br>18:24 |
| L31 | 13 | ( wells and deposit<br>same emulsion with<br>(scrap\$3) )                      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2011/06/09<br>18:27 |
| L30 | 1  | ( cartridge and deposit<br>same emulsion with<br>(scrap\$3) )                  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2011/06/09<br>18:27 |
| L33 | 2  | ( cartridge and wells<br>and deposit same<br>emulsion same (scrap<br>\$3) )    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2011/06/09<br>18:51 |
| L32 | 1  | ( cartridge and wells<br>and deposit same<br>emulsion with (scrap<br>\$3) )    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2011/06/09<br>18:51 |
| L35 | 7  | ( cartridge same wells<br>same emulsion same<br>(deposit) )                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2011/06/09<br>18:52 |
| L34 | 44 | ( cartridge same wells<br>and emulsion same<br>(deposit) )                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2011/06/09<br>18:52 |

## EAST Search History (Interference)

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## 6/9/2011 8:11:30 PM

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